

MAGNETIC SENSOR AND PRODUCTION THEREOF

Patent Number: JP8029509
Publication date: 1996-02-02
Inventor(s): YOSHIMI KENICHI; others: 01
Applicant(s): SHIMADZU CORP
Requested Patent: JP8029509
Application Number: JP19940167588 19940720
Priority Number(s):
IPC Classification: G01R33/04; G01R33/05
EC Classification:
Equivalents:

Abstract

PURPOSE: To obtain a magnetic sensor comprising a core having high permeability and excellent in sensitivity and S/N ratio and a method for forming a flat core required for realization of the magnetic sensor.

CONSTITUTION: A planar core 2 is formed directly on an insulating layer 6 (or an insulating substrate) having high surface planarity followed by formation of wiring layers 3, 4 on the opposite sides of the core 2. This method realizes a flat core having no irregularities without requiring any planarization on the wiring layer.

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